

## **VAMP - Fish Monitoring**

CALFED OPS Meeting  
June 28, 2000 - M. Pierce

### 2000 VAMP Release Design:

Originally 250K fish available from MRFF

#### 1<sup>st</sup> set:

4-17	Durham Ferry	New site 15 miles upstream, better allow fish to naturally distribute prior to passing Old R.	75K
4-18	Mossdale	extra 50K fish became available, used for comparison to new upstream site at Durham Ferry	50K
4-20	Jersey Point	control	50K

2<sup>nd</sup> set fish were of different egg lot and much smaller – release delayed several days

4-28	Durham Ferry	75K
5-1	Jersey Point	<u>50K</u>
		300K

### Net pen studies:

1<sup>st</sup> Durham Ferry release, most fish escaped  
All other tests fish looked very good at release and after 48 hrs,  
very few fish with any signs of ill health, almost zero mortality

### Physiological studies:

after 24 hours held on site in net pens, saved 12 from 1<sup>st</sup> Durham Ferry release  
only preliminary but fish looked very healthy, no signs of parasites or disease

### Recovery efforts:

Chipps Island – added 2<sup>nd</sup> shift Apr 16-May 20 (20 tows/day), daily single shifts continued into June

Jersey Point trawl (Antioch trawl) - moved downstream of Antioch Bridge to eliminate need for second control release at Mokelumne R.

last day May 21, delta smelt trouble, CWT's few by then

CVP/SWP salvage

tags recovered during VAMP (numbers approx., not all are necessarily from VAMP study):

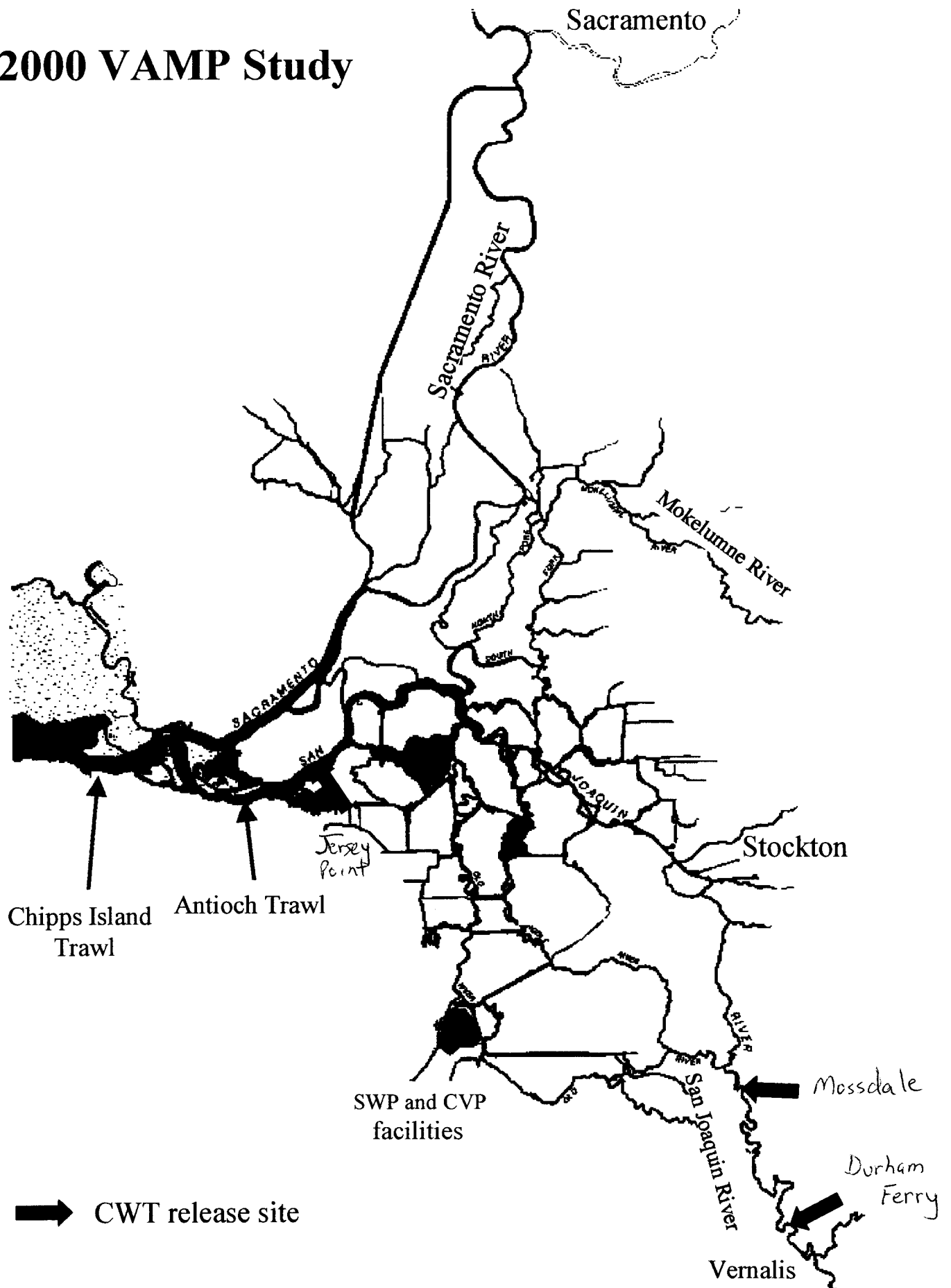
Chipps trawl	1,541
Antioch trawl	1,251
SWP/CVP facilities	782
TOTAL	= 3,574

New decimal type tags used for 1<sup>st</sup> set of VAMP releases, quicker to read  
other studies and 2<sup>nd</sup> set of VAMP releases still binary type  
too early for any tag results, processing will continue throughout the summer

### 2000 Report:

anticipate by Dec 31

# 2000 VAMP Study



# Catch of CWT's at Chipps Island

